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1 The Gamma Functional Navigator

Benloch, J.M.; Alcaniz, M.; Escat, B.; Fernandez, M.M.; Gimenez, M.; Gomez, Grau, V.; Lerche, C.; Palmero, J.L.; Pavon, N.; Rafecas, M.; Sanchez, F.; Vera
Nuclear Science, IEEE Transactions on , Volume: 51 , Issue: 3 , June 2004
 Pages:682 - 689

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) IEEE JNL
2 Surgical navigation by autostereoscopic image overlay of integral videography

Hongen Liao; Hata, N.; Nakajima, S.; Iwahara, M.; Sakuma, I.; Dohi, T.;
Information Technology in Biomedicine, IEEE Transactions on , Volume: 8 , Is
2 , June 2004
 Pages:114 - 121

[\[Abstract\]](#) [\[PDF Full-Text \(864 KB\)\]](#) IEEE JNL
3 Context and memory in multimedia content analysis

Dimitrova, N.;
Multimedia, IEEE , Volume: 11 , Issue: 3 , July-Sept. 2004
 Pages:7 - 11

[\[Abstract\]](#) [\[PDF Full-Text \(120 KB\)\]](#) IEEE JNL
4 Clinical applications of three-dimensional rendering of medical data

Shahidi, R.; Tombropoulos, R.; Grzeszczuk, R.P.;

Proceedings of the IEEE , Volume: 86 , Issue: 3 , March 1998
Pages:555 - 568

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) [IEEE JNL](#)

5 Current and future applications of virtual reality for medicine

Satava, R.M.; Jones, S.B.;
Proceedings of the IEEE , Volume: 86 , Issue: 3 , March 1998
Pages:484 - 489

[\[Abstract\]](#) [\[PDF Full-Text \(108 KB\)\]](#) [IEEE JNL](#)

6 In vivo quantification of retraction deformation modeling for update image-guidance during neurosurgery

Platenik, L.A.; Miga, M.I.; Roberts, D.W.; Lunn, K.E.; Kennedy, F.E.; Hartov, , Paulsen, K.D.;
Biomedical Engineering, IEEE Transactions on , Volume: 49 , Issue: 8 , Aug. 2
Pages:823 - 835

[\[Abstract\]](#) [\[PDF Full-Text \(421 KB\)\]](#) [IEEE JNL](#)

7 A novel mechatronic tool for computer-assisted arthroscopy

Dario, P.; Carrozza, M.C.; Marcacci, M.; D'Attanasio, S.; Magnani, B.; Tonet, Megali, G.;
Information Technology in Biomedicine, IEEE Transactions on , Volume: 4 , Is 1 , March 2000
Pages:15 - 29

[\[Abstract\]](#) [\[PDF Full-Text \(988 KB\)\]](#) [IEEE JNL](#)

8 Design and evaluation of a system for microscope-assisted guided interventions (MAGI)

Edwards, P.J.; King, A.P.; Maurer, C.R., Jr.; De Cunha, D.A.; Hawkes, D.J.; Hi D.L.G.; Gaston, R.P.; Fenlon, M.R.; Juszczyszyn, A.; Strong, A.J.; Chandler, C.L. Gleeson, M.J.;
Medical Imaging, IEEE Transactions on , Volume: 19 , Issue: 11 , Nov. 2000
Pages:1082 - 1093

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) [IEEE JNL](#)

9 A modular software system for computer-aided surgery and its first application in oral implantology

Birkfellner, W.; Huber, K.; Larson, A.; Hanson, D.; Diemling, M.; Homolka, P., Bergmann, H.;
Medical Imaging, IEEE Transactions on , Volume: 19 , Issue: 6 , June 2000
Pages:616 - 620

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) [IEEE JNL](#)

10 Computer-aided stereotactic functional neurosurgery enhanced by use of the multiple brain atlas database

Nowinski, W.L.; Guo Liang Yang; Tseng Tsai Yeo;
Medical Imaging, IEEE Transactions on , Volume: 19 , Issue: 1 , Jan. 2000
Pages:62 - 69

[\[Abstract\]](#) [\[PDF Full-Text \(2344 KB\)\]](#) [IEEE JNL](#)

11 Biomechanical modeling of the human head for physically based, nonrigid image registration

Hagemann, A.; Rohr, K.; Stiehl, H.S.; Spetzger, U.; Gilsbach, J.M.;
Medical Imaging, IEEE Transactions on , Volume: 18 , Issue: 10 , Oct. 1999
Pages:875 - 884

[\[Abstract\]](#) [\[PDF Full-Text \(1444 KB\)\]](#) [IEEE JNL](#)

12 Real-time 3-D model-based navigation system for endoscopic paranasal sinus surgery

Yamashita, J.; Yamauchi, Y.; Mochimaru, M.; Fukui, Y.; Yokoyama, K.;
Biomedical Engineering, IEEE Transactions on , Volume: 46 , Issue: 1 , Jan. 1
Pages:107 - 116

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) [IEEE JNL](#)

13 Registration of head CT images to physical space using a weighted combination of points and surfaces [image-guided surgery]

Maurer, C.R., Jr.; Maciunas, R.J.; Fitzpatrick, J.M.;
Medical Imaging, IEEE Transactions on , Volume: 17 , Issue: 5 , Oct. 1998
Pages:753 - 761

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) [IEEE JNL](#)

14 The EASI project-improving the effectiveness and quality of image-guided surgery

Breeuwer, M.; Wadley, J.P.; de Blieck, H.L.T.; Buurman, J.; Desmedt, P.A.C.; Gieles, P.; Gerritsen, F.A.; Dorward, N.L.; Kitchen, N.D.; Velani, B.; Thomas, D.G.T.; Wink, O.; Blankensteijn, J.D.; Eikelboom, B.C.; Mali, W.P.T.M.; Vierge M.A.; Penney, G.P.; Gaston, R.; Hill, D.L.G.; Maurer, C.R.; Hawkes, D.J.; Mae Vandermeulen, D.; Verbeeck, R.; Suetens, P.; Schmitz, G.; Buzug, T.M.; Lore C.; Sabczynski, J.; Weese, J.; Zylka, W.; Kuhn, M.H.;
Information Technology in Biomedicine, IEEE Transactions on , Volume: 2 , Is 3 , Sept. 1998
Pages:156 - 168

[\[Abstract\]](#) [\[PDF Full-Text \(3148 KB\)\]](#) [IEEE JNL](#)

15 Registration of head volume images using implantable fiducial markers

Maurer, C.R., Jr.; Fitzpatrick, J.M.; Wang, M.Y.; Galloway, R.L., Jr.; Maciunas, Allen, G.S.;
Medical Imaging, IEEE Transactions on , Volume: 16 , Issue: 4 , Aug. 1997
Pages:447 - 462

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) [IEEE JNL](#)

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16 An optical navigator for brain surgery

Adams, L.; Knepper, A.; Meyer-Ebrecht, D.; Ruger, R.; van der Brug, W.; Computer , Volume: 29 , Issue: 1 , Jan. 1996
Pages:48 - 54

[Abstract] [\[PDF Full-Text \(1384 KB\)\]](#) **IEEE JNL**

17 Computer-assisted surgery

Adams, L.; Krybus, W.; Meyer-Ebrecht, D.; Rueger, R.; Gilsbach, J.M.; Moesg R.; Schloendorff, G.; Computer Graphics and Applications, IEEE , Volume: 10 , Issue: 3 , May 1990
Pages:43 - 51

[Abstract] [\[PDF Full-Text \(1120 KB\)\]](#) **IEEE JNL**

18 An articulated neurosurgical navigation system using MRI and CT images

Kosugi, Y.; Watanabe, E.; Goto, J.; Watanabe, T.; Yoshimoto, S.; Takakura, k Ikebe, J.; Biomedical Engineering, IEEE Transactions on , Volume: 35 , Issue: 2 , Feb. 1
Pages:147 - 152

[Abstract] [\[PDF Full-Text \(636 KB\)\]](#) **IEEE JNL**

19 VISLAN computer-aided surgery

Evans, R.;

IEE Review , Volume: 41 , Issue: 2 , 16 March 1995
Pages:51 - 54

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) IEE JNL

20 Augmented reality in operating microscopes for neurosurgical interventions

Aschke, M.; Wirtz, C.R.; Raczkowsky, J.; Worn, H.; Kunze, S.;
Neural Engineering, 2003. Conference Proceedings. First International IEEE EMBS Conference on , 20-22 March 2003
Pages:652 - 655

[\[Abstract\]](#) [\[PDF Full-Text \(839 KB\)\]](#) IEEE CNF

21 PC-based volume rendering for medical visualisation and augmented reality based surgical navigation

Lapeer, R.J.; Rowland, R.S.; Min Si Chen;
Information Visualisation, 2004. IV 2004. Proceedings. Eighth International Conference on , 14-16 July 2004
Pages:67 - 72

[\[Abstract\]](#) [\[PDF Full-Text \(757 KB\)\]](#) IEEE CNF

22 Development of a femur fracture reduction robot

Warisawa, S.; Ishizuka, T.; Mitsuishi, M.; Sugano, N.; Yonenobu, K.; Nakazawa, T.;
Robotics and Automation, 2004. Proceedings. ICRA '04. 2004 IEEE International Conference on , Volume: 4 , April 26-May 1, 2004
Pages:3999 - 4004 Vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(569 KB\)\]](#) IEEE CNF

23 Unmanned navigation with a novel laser and smart software

Pecina, J.N.;
Aerospace Conference, 2003. Proceedings. 2003 IEEE , Volume: 1 , 2003
Pages:1 - 312 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(1208 KB\)\]](#) IEEE CNF

24 Signal processing for AUV based interferometric synthetic aperture sonar

Hansen, R.E.; Saebo, T.O.; Gade, K.; Chapman, S.;
OCEANS 2003. Proceedings , Volume: 5 , 22-26 Sept. 2003
Pages:2438 - 2444 Vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(732 KB\)\]](#) IEEE CNF

25 Development of computer aided retained auricular prosthesis surgery system - a clinical case study on microtia

Chung-Hsien Kuo; Ming-Yih Lee; Yi-Shan Chiu; Chiung-Shing Huang; Kai-Fen Hung;

Systems, Man and Cybernetics, 2003. IEEE International Conference on , Volu
3 , 5-8 Oct. 2003
Pages:2920 - 2925 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(748 KB\)\]](#) [IEEE CNF](#)

**26 Development of the Varioscope AR. A see-through HMD for comput
aided surgery**

*Birkfellner, W.; Huber, K.; Watzinger, F.; Figl, M.; Wanschitz, F.; Hanel, R.; R
D.; Ewers, R.; Bergmann, H.;*
Augmented Reality, 2000. (ISAR 2000). Proceedings. IEEE and ACM Internatio
Symposium on , 5-6 Oct. 2000
Pages:54 - 59

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) [IEEE CNF](#)

**27 Surgical assist robot for the active navigation in the intraoperative
hardware design issues**

Chinzei, K.; Hata, N.; Jolesz, F.A.; Kikinis, R.;
Intelligent Robots and Systems, 2000. (IROS 2000). Proceedings. 2000 IEEE/
International Conference on , Volume: 1 , 31 Oct.-5 Nov. 2000
Pages:727 - 732 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(544 KB\)\]](#) [IEEE CNF](#)

**28 Synchronized position detection using two CCD cameras with one f
grabber for the 3D navigator**

Dong-Ik Shin; Soo-Jin Huh;
Science and Technology, 2000. KORUS 2000. Proceedings. The 4th Korea-Rus
International Symposium on , Volume: 1 , 27 June-1 July 2000
Pages: 236

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) [IEEE CNF](#)

29 A novel navigation system for computer assisted orthopaedic surg

*Tonet, O.; Megali, G.; Dario, P.; Carrozza, M.C.; Marcacci, M.; La Palombara,
Engineering in Medicine and Biology Society, 2000. Proceedings of the 22nd A
International Conference of the IEEE , Volume: 3 , 23-28 July 2000
Pages:1864 - 1865 vol.3*

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) [IEEE CNF](#)

**30 Augmented reality system for surgical navigation using robust targ
vision**

Kosaka, A.; Saito, A.; Furuhashi, Y.; Shibasaki, T.;
Computer Vision and Pattern Recognition, 2000. Proceedings. IEEE Conferenc
on , Volume: 2 , 13-15 June 2000
Pages:187 - 194 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(676 KB\)\]](#) [IEEE CNF](#)

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31 Surface growing from stereo images

Skrinjar, O.; Tagare, H.; Duncan, J.;
Computer Vision and Pattern Recognition, 2000. Proceedings. IEEE Conference on , Volume: 2 , 13-15 June 2000
Pages:571 - 576 vol.2

[Abstract] [PDF Full-Text (908 KB)] IEEE CNF

32 Helical CATSCAN 3-D reconstruction for diagnosis, planning, navigation and therapy of urologic disorders

Selikowitz, S.; Pieper, S.; Harris, R.; Lenz, J.;
Bioengineering Conference, 1997., Proceedings of the IEEE 1997 23rd Northeast , 21-22 May 1997
Pages:65

[Abstract] [PDF Full-Text (76 KB)] IEEE CNF

33 Total least squares fitting of two point sets in m-D

Ramos, J.A.; Verriest, E.I.;
Decision and Control, 1997., Proceedings of the 36th IEEE Conference on , Vol 5 , 10-12 Dec. 1997
Pages:5048 - 5053 vol.5

[Abstract] [PDF Full-Text (380 KB)] IEEE CNF

34 Computer and robot assisted tele-neurosurgery

Wusheng Chou; Tianmiao Wang; Da Liu; Zengmin Tian;
Intelligent Robots and Systems, 2003. (IROS 2003). Proceedings. 2003 IEEE/
International Conference on , Volume: 4 , 27-31 Oct. 2003
Pages:3367 - 3372 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(607 KB\)\]](#) [IEEE CNF](#)

35 Clinical application of augmented reality in neurosurgical field

Iseki, H.; Muragaki, Y.; Naemura, K.; Hayashi, M.; Hori, T.; Takakura, K.;
Computer Graphics International, 2003. Proceedings , 9-11 July 2003
Pages:44 - 49

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) [IEEE CNF](#)

36 Current issues of photorealistic rendering for virtual and augmented reality in minimally invasive surgery

Stoyanov, D.; ElHelw, M.; Lo, B.P.; Chung, A.; Bello, F.; Guang-Zhong Yang;
Information Visualization, 2003. IV 2003. Proceedings. Seventh International Conference on , 16-18 July 2003
Pages:350 - 358

[\[Abstract\]](#) [\[PDF Full-Text \(390 KB\)\]](#) [IEEE CNF](#)

37 Simulation of patient-specific brain deformation due to brain shift

Subramaniam, S.R.; Loncaric, S.; Schulder, M.;
Bioengineering Conference, 2003 IEEE 29th Annual, Proceedings of , 22-23 M: 2003
Pages:93 - 94

[\[Abstract\]](#) [\[PDF Full-Text \(250 KB\)\]](#) [IEEE CNF](#)

38 Computer-aided interventions information system

Coussaert, O.; Schoovaerts, F.; Joly, A.; Levivier, M.; Wikler, D.;
Information Technology Applications in Biomedicine, 2003. 4th International I EMBS Special Topic Conference on , 24-26 April 2003
Pages:382 - 383

[\[Abstract\]](#) [\[PDF Full-Text \(303 KB\)\]](#) [IEEE CNF](#)

39 The Gamma Functional Navigator

Benlloch, J.M.; Alcaniz, M.; Escat, B.; Fernandez, M.; Gimenez, M.; Gomez, R. Grau, V.; Lerche, C.; Palmero, J.L.; Pavon, N.; Rafecas, M.; Sanchez, F.; Vera
Nuclear Science Symposium Conference Record, 2002 IEEE , Volume: 2 , 10- Nov. 2002
Pages:690 - 693 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(645 KB\)\]](#) [IEEE CNF](#)

40 The control unit for a head mounted operating microscope used for augmented reality visualization in computer aided surgery

Figl, M.; Birkfellner, W.; Ede, C.; Hummel, J.; Hanel, R.; Watzinger, F.; Wans

F.; Ewers, R.; Bergmann, H.;
Mixed and Augmented Reality, 2002. ISMAR 2002. Proceedings. International Symposium on , 30 Sept.-1 Oct. 2002
Pages:69 - 75

[\[Abstract\]](#) [\[PDF Full-Text \(341 KB\)\]](#) [IEEE CNF](#)

41 Computer-enhanced preoperative planning of soft tissue sarcoma surgery

Raposio, E.; Norat, F.; Orefice, A.; Capello, C.; Margara, A.; Faggioni, M.; Vercellino, N.; Santi, P.L.;
Molecular, Cellular and Tissue Engineering, 2002. Proceedings of the IEEE-EMI Special Topic Conference on , 6-9 June 2002
Pages:196 - 197

[\[Abstract\]](#) [\[PDF Full-Text \(283 KB\)\]](#) [IEEE CNF](#)

42 Stereo-guided volumetric deformation recovery

Skrinjar, O.; Duncan, J.;
Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium on , 7-10 July 2002
Pages:863 - 866

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) [IEEE CNF](#)

43 From planning of complex bone deformities correction to computer aided operation

Krivenos, O.; Keppler, P.; Gebhard, F.; Kinzl, L.; Hesser, J.; Maenner, R.;
Computer-Based Medical Systems, 2001. CBMS 2001. Proceedings. 14th IEEE Symposium on , 26-27 July 2001
Pages:210 - 215

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) [IEEE CNF](#)

44 Image-guided manipulator compliant surgical planning methodology for robotic skull-base surgery

Sim, C.; Wan Sing Ng; Ming Yeong Teo; Yong-Chong Loh; Tseng Tsai Yeo;
Medical Imaging and Augmented Reality, 2001. Proceedings. International Workshop on , 10-12 June 2001
Pages:26 - 29

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) [IEEE CNF](#)

45 A system for ultrasound based intraoperative navigation in spine surgery

Weber, P.K.; Schlegel, J.C.; Meiche, J.; Peter, L.; Harland, U.;
Ultrasonics Symposium, 2001 IEEE , Volume: 2 , 7-10 Oct. 2001
Pages:1361 - 1364 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) [IEEE CNF](#)

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46 Investigation of ultrasound image based correction of intraoperative brain shift

Bates, L.M.; Robb, R.A.;
Bioinformatics and Bioengineering Conference, 2001. Proceedings of the IEEE International Symposium on , 4-6 Nov. 2001
Pages:254 - 261

[\[Abstract\]](#) [\[PDF Full-Text \(168 KB\)\]](#) IEEE CNF

47 Automated MRI driven image guided robotic brain surgery

Awad, M.; Bourbakis, N.;
Information Intelligence and Systems, 1999. Proceedings. 1999 International Conference on , 31 Oct.-3 Nov. 1999
Pages:126 - 132

[\[Abstract\]](#) [\[PDF Full-Text \(1072 KB\)\]](#) IEEE CNF

48 Surgically appropriate MIPs of tomographic angiograms

Cash, D.M.; Palmisano, M.G.; Galloway, R.L.;
[Engineering in Medicine and Biology, 1999. 21st Annual Conf. and the 1999 Annual Fall Meeting of the Biomedical Engineering Soc.] BMES/EMBS Conference 1999. Proceedings of the First Joint , Volume: 2 , 13-16 Oct. 1999
Pages:1153 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(60 KB\)\]](#) IEEE CNF

49 Rigid neuroendoscope navigation system for minimally invasive surgery
Eldeib, A.M.; Mohamed, A.; Farag, A.;
[Engineering in Medicine and Biology, 1999. 21st Annual Conf. and the 1999 / Fall Meeting of the Biomedical Engineering Soc.] BMES/EMBS Conference, 1999
Proceedings of the First Joint , Volume: 2 , 13-16 Oct. 1999
Pages:870 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) [IEEE CNF](#)

50 Interactive graphical anatomical neuronavigation: past, present and future of 3D image guided neurosurgery
Spetzger, U.; Reinges, M.; Struffert, T.; Schreckenberger, M.; Krings, T.; Nier K.; Gilsbach, J.;
Industrial Electronics Society, 1998. IECON '98. Proceedings of the 24th Annual Conference of the IEEE , Volume: 4 , 31 Aug.-4 Sept. 1998
Pages:2487 - 2492 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(964 KB\)\]](#) [IEEE CNF](#)

51 Proceedings. 1998 IEEE/RSJ International Conference on Intelligent Robots and Systems. Innovations in Theory, Practice and Applications (Cat. No.98CH36190)

Intelligent Robots and Systems, 1998. Proceedings., 1998 IEEE/RSJ International Conference on , Volume: 1 , 13-17 Oct. 1998
[\[Abstract\]](#) [\[PDF Full-Text \(1356 KB\)\]](#) [IEEE CNF](#)

52 Sensor fusion for surgical applications

Leonard, J.;
Dayton Section Symposium, 1998. The 15th Annual AEES/IEEE , 14-15 May 1
Pages:37 - 44

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) [IEEE CNF](#)

53 Acquisition of the unique solution based on spline network [neuro-surgical navigation system]

Uto, K.; Kosugi, Y.;
Neural Networks Proceedings, 1998. IEEE World Congress on Computational Intelligence. The 1998 IEEE International Joint Conference on , Volume: 1 , 4- May 1998
Pages:349 - 352 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) [IEEE CNF](#)

54 Using Fourier information for the detection of the lumen in endoscopic images

Chee-Keong Kwok; Gillies, D.F.;
TENCON '94. IEEE Region 10's Ninth Annual International Conference. Theme 'Frontiers of Computer Technology'. Proceedings of 1994 , 22-26 Aug. 1994
Pages:981 - 985 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) [IEEE CNF](#)

55 Toward dynamic visualization for endoscopy simulation

Higgins, W.E.; Ramaswamy, K.;

Engineering in Medicine and Biology Society, 1994. Engineering Advances: Ne Opportunities for Biomedical Engineers. Proceedings of the 16th Annual International Conference of the IEEE , 3-6 Nov. 1994

Pages:700 - 701 vol.1

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56 Intracranial measurements for neurosurgical aid

Kosugi, Y.; Watanabe, E.; Ikebe, J.; Takakura, K.;

Engineering in Medicine and Biology Society, 1988. Proceedings of the Annual International Conference of the IEEE , 4-7 Nov. 1988

Pages:1857 - 1858 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) [IEEE CNF](#)

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